

## SEQUENCE LISTING

<110> Kumaraswamy, Sriram  
 Achyuthan, Komandoor  
 Shi, Xiaobo  
 Bergstedt, Troy  
 Rininsland, Frauke  
 McBranch, Duncan  
 Whitten, David

<120> Assays for Protease Enzyme Activity

<130> 8971-032-27

<160> 9

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 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> segment capable of recognizing and interacting  
 with beta-secretase

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 <223> Amino acid 14 (Lys) is attached at the epsilon amino  
 position to the biotin moiety

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<221> BINDING  
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<220>  
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<223> Amino acid 1 (Thr) is attached by the AZO moiety

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<222> 15

<223> Amino acid 15 (Lys) is attached at the epsilon amino position to the biotin moiety

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Thr	Lys	Lys	Ile	Ser	Glu	Val	Asn	Leu	Asp	Ala	Glu	Phe	Arg	Lys
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<223> statine-derived peptide inhibitor of beta-secretase

<221> BINDING

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<223> Amino acids 8 and 9 (Asn and Val) are attached by a statine residue

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Lys	Thr	Glu	Ile	Ser	Glu	Val	Asn	Val	Ala	Glu	Phe
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<221> BINDING

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Asp	Glu	Val	Asp
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<223> bioconjugate structure

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<223> segment capable of being cleaved by a caspase  
enzyme

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Asp Glu Val Asp

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